

## REMARKS

Claims 1-95 are pending in the application. Claims 1-64, 67-76, and 79-82 are withdrawn from consideration as being directed to non-elected inventions. In the non-final Office Action of April 18, 2006, the Examiner rejected claims 65, 66, 77, 78, and 83-95 under 35 U.S.C. §112, first paragraph. Applicants address the Examiner's disposition below.

The Examiner argues that claims 65, 66, 77, 78, and 83-95 are not enabled. Specifically, the Examiner argues that the claimed subject matter relating to "at least one of the second regions having a c-axis that is inverted relative to the first region" is not enabled. Applicants respectfully disagree.

The specification clearly describes a method of forming second regions using seeds (*i.e.*, high-density defect regions) such that the second regions are surrounded by a first region. (Specification, page 50, line 1 - page 51, line 14). The specification also describes that the second regions may be monocrystals whose c-axes are inverted with respect to the first region. (Specification, page 49, lines 15-23). Accordingly, the seeds may be monocrystals whose c-axes are inverted with respect to the first region. Applicants respectfully submit that the subject matter relating to second regions having c-axes that are inverted relative to the first region is enabled.

The Examiner also argues that claims 65, 66, 77, 78, and 83-95 fail to comply with the written description requirement. Specifically, the Examiner argues that the specification does not discuss "at least one of the second regions" having an inverted alignment.

Claims 65 and 77 have each been amended, as per the Examiner's request, to clarify that the second regions have an inverted alignment. Claims 66, 78, and 83-95 depend directly or indirectly from claims 65 or 77 and are therefore allowable for at least the same reasons that claims 65 and 77 are allowable.

Applicants respectfully submit the rejection has been overcome and request that it be withdrawn.

CONCLUSION

In view of the foregoing, it is submitted that claims 65, 66, 77, 78, and 83-95 are patentable. It is therefore submitted that the application is in condition for allowance. Notice to that effect is respectfully requested.

Respectfully submitted,

/Christopher P. Rauch/ (Reg. No. 45,034)  
Christopher P. Rauch  
SONNENSCHNEIDER, NATH & ROSENTHAL LLP  
P.O. Box #061080  
Wacker Drive Station - Sears Tower  
Chicago, IL 60606-1080  
Telephone 312/876-2606  
Customer #26263  
Attorneys for Applicant(s)